



## Survey of Environmental Companies



PUB-RR-026

April, 2003

The *Survey of Environmental Companies* is a survey designed to collect basic information about the environmental services offered by your firm. The Bureau for Remediation & Redevelopment administers six government programs that address environmental contamination. These are the Superfund, State Funded Response, Leaking Underground Storage Tank, Spills, Land Recycling, Dry Cleaner, and Abandoned Container Programs. Cleanups at these types of sites are regulated under the NR 700 series, Wisconsin Administrative Code.

Professional environmental consultants who wish to be considered for selection on state-funded investigation and remediation projects administered by the Bureau must complete this form in accordance with chapter NR 734.07, Wis. Admin. Code.

The information provided on the survey will be entered into a database used to screen consultants for selection in conducting state-funded investigation and remediation projects. If you need assistance in order to complete the survey, please contact John Burnett at (608)266-2632.

The Wisconsin Department of Natural Resources provides equal opportunity in its employment, programs, services, and functions under an Affirmative Action Plan. If you have any questions, please write to Equal Opportunity Office, Department of Interior, Washington, D.C. 20240

This publication is available in alternative format upon request. Please call 608-267-3532 for more information. Submit completed survey to Tom Fass RR/3, 101 South Webster Street, Madison, Wisconsin, 53707-7921.

WISCONSIN DEPARTMENT OF NATURAL RESOURCES  
BUREAU for REMEDIATION & REDEVELOPMENT  
CONSULTANT DATA RECORD FORM

**I. STATE FUNDED RESPONSE SURVEY**

Purpose

This Data Record Form (Survey) is designed to collect information about environmental companies doing business in Wisconsin. It replaces all earlier versions.

The information is collected for use by the Department in the selection of companies for state-funded projects in accordance with ch. NR 734, Wis Adm. Code.

- Write your answers directly on the form.
- Note additional services available from your firm (but not listed on the form) in the spaces provided.
- Please indicate staffing levels as follows. List the total number of staff in each specialty. It is ok to list the same staff person in more than one area (i.e. the number of staff in each category do not necessarily have to add up to the total number of staff employed at the firm).

**EXAMPLE:** Bob is a hydrogeologist, geologist, and environmental specialist. The firm should claim capabilities in all four areas but only count Bob once.

<u>  1  </u>	Hydrogeologist(s) (as per NR 550)
<u>    </u>	Hydrogeologist(s) (as per other qualifications)
<u>    </u>	Soil Scientist(s)
<u>  1  </u>	Geologist(s)
<u>    </u>	Geophysicist(s)
<u>    </u>	Geochemist(s)
<u>    </u>	Chemist(s)
<u>    </u>	Toxicologist(s)
<u>  2  </u>	Environmental Specialist(s)
<u>  2  </u>	Office Personnel
<u>    </u>	Draftspeople
<u>  4  </u>	TOTAL PERSONNEL

- If your firm has provided this type of service in the past using in-house staff to design or implement the work then check both the "Yes" and the "Experience" fields. Do not check either field if you performed more than 75% of the work using subcontractors.
- If your firm believes it has the necessary in-house resources to provide this type of service but has never actually done so then check the "Yes" field. Do not check the field if you would perform more than 75% of the work using subcontractors.

- If your firm does not provide this service or if your firm would subcontract or has subcontracted the service, leave both fields blank.

## EXAMPLE

Yes	Exp		Explanation
<u>X</u>	<u>X</u>	Bioremediation	Firm has done this in the past using in-house staff and less than 25% subcontractors.
<u>X</u>	___	Bioremediation	Firm is capable of doing this with less than 25% subcontractors but has no experience.
___	___	Bioremediation	Firm does not provide this service or uses subcontractors to perform more than 75% of the design.

- Do not provide information that should remain confidential.
- Please send the completed form to:

Consultant Data Records - RR/3  
 Department of Natural Resources  
 Bureau for Remediation & Redevelopment  
 P.O. Box 7921  
 Madison, WI 53707

## A. Definitions

29 CFR 1910.120--U.S. Department of Labor, Occupational Safety and Health Administration regulations for hazardous waste operations and emergency response actions. The rule requires employers involved in such operations to have an active health and safety program that includes employee training, site-specific health and safety plans, employee medical surveillance, site safety monitoring, and more. Certain underground storage tank and spills response work is covered by this rule. For example, firms with employees entering storage tanks, firms that handle contaminated soil, and firms that handle tank sludge that is a hazardous waste are all subject to the rule. Drillers, tank removal contractors, and environmental consultants involved in such work are subject to the regulations if a known or probable leak or spill from the tank has occurred. Assessments of leaks via drilling or excavating, however, are covered only if a leak is known or strongly believed to have occurred (e.g. if a tank tightness test indicates a leak).

CONTRACTUAL SERVICES--1) Services or materials furnished by a service provider to the state that do not involve extensive permanent alteration of a site or facility structure, extensive investigation of remedial action alternatives, or extensive study or analysis of data to correct an environmental problem. Straightforward waste removal, soil borings, and lab services are examples of contractual services.

EXPERIENCE--Indicates that the firm has demonstrated its capabilities in a specific area through the successful completion of a project. Firms can only claim experience in an area if their own in-house staff and resources were used to design or implement

the work. Firms should not claim experience in an area if a subcontractor did the work.

**EMERGENCY**--A situation that threatens the public health, safety or welfare, which was unforeseen, which calls for immediate action, and which must be responded to using emergency procurement procedures.

**HYDROGEOLOGIST**--A hydrogeologist as defined in NR 712 to mean a person who is a graduate of an accredited institution of higher education and who has successfully completed 30 semester hours or 45 quarter hours of course work in geology. At least 6 semester hours or 9-quarter hours of the geology course work must be in hydrogeology, geohydrology or groundwater geology. This person shall also have acquired through education and actual field experience the ability to direct the drilling of borings, and the installation and development of wells; describe and classify geologic samples, and evaluate and interpret geologic and hydrogeologic data.

**IN-HOUSE**--Indicates that the firm (any combination of head office and branch offices) has the necessary staff and physical resources to perform a specific task without the use of outside contractors.

**LEVEL A RESPONSE**--Should be worn when the highest level of respiratory, skin, and eye protection is needed. Personnel must be trained in level A response criteria and protocol to claim this response level. Personnel protective equipment should include:

- Fully encapsulating suit
- Self-contained breathing apparatus (SCBA)
- Hard hat (optional)
- Chemical-resistant, steel toe shank boots
- Boot covers
- Inner and outer gloves

**LEVEL B RESPONSE**--Should be worn when the highest level of respiratory protection is needed, but a lesser level of skin protection is sufficient. Personnel must be trained in level B response criteria and protocol to claim this response level. Personnel protective equipment should include:

- One-piece, hooded, chemical-resistant splash suit
- Self-contained breathing apparatus (SCBA)
- Hard hat
- Chemical-resistant, steel toe shank boots
- Boot covers
- Inner and outer gloves

**LEVEL C RESPONSE**--Should be worn when the criteria for using air-purifying respirators are met. Personnel must be trained in level C response criteria and protocol to claim this response level. Personnel protective equipment should include:

- One-piece, hooded, chemical-resistant splash suit
- Canister equipped, full-face mask
- Hard hat
- Chemical-resistant, steel toe shank boots

- Boot covers
- Inner and outer gloves

LEVEL D RESPONSE--Should be worn only as a work uniform and not on any site with respiratory or skin hazards. Personnel must have basic 40-hour safety training to claim this response level. It provides no protection against chemical hazards. Personnel protective equipment should include:

- Respirator
- Coveralls
- Gloves
- Leather or chemical resistant, steel toe and shank boots/shoes
- Safety glasses or chemical splash goggles
- Hard hat w/face shield (optional)

MINORITY OWNED BUSINESS -- A business that must certified by the Wisconsin Department of Commerce, must be 51% owned, controlled and actively managed by a minority group or members as defined in ss 560.036(1).

NR 518--Solid Waste Management Administrative Code which regulates the land spreading of solid wastes. The code requires that a facility plan is prepared and the Department grants a license.

PROFESSIONAL SERVICES--1) Services that include consultation, evaluation, planning, design, or responsible supervision of investigations or construction at contamination sites.

SCHEDULED WORK--contracts that are negotiated through regular procurement procedures.

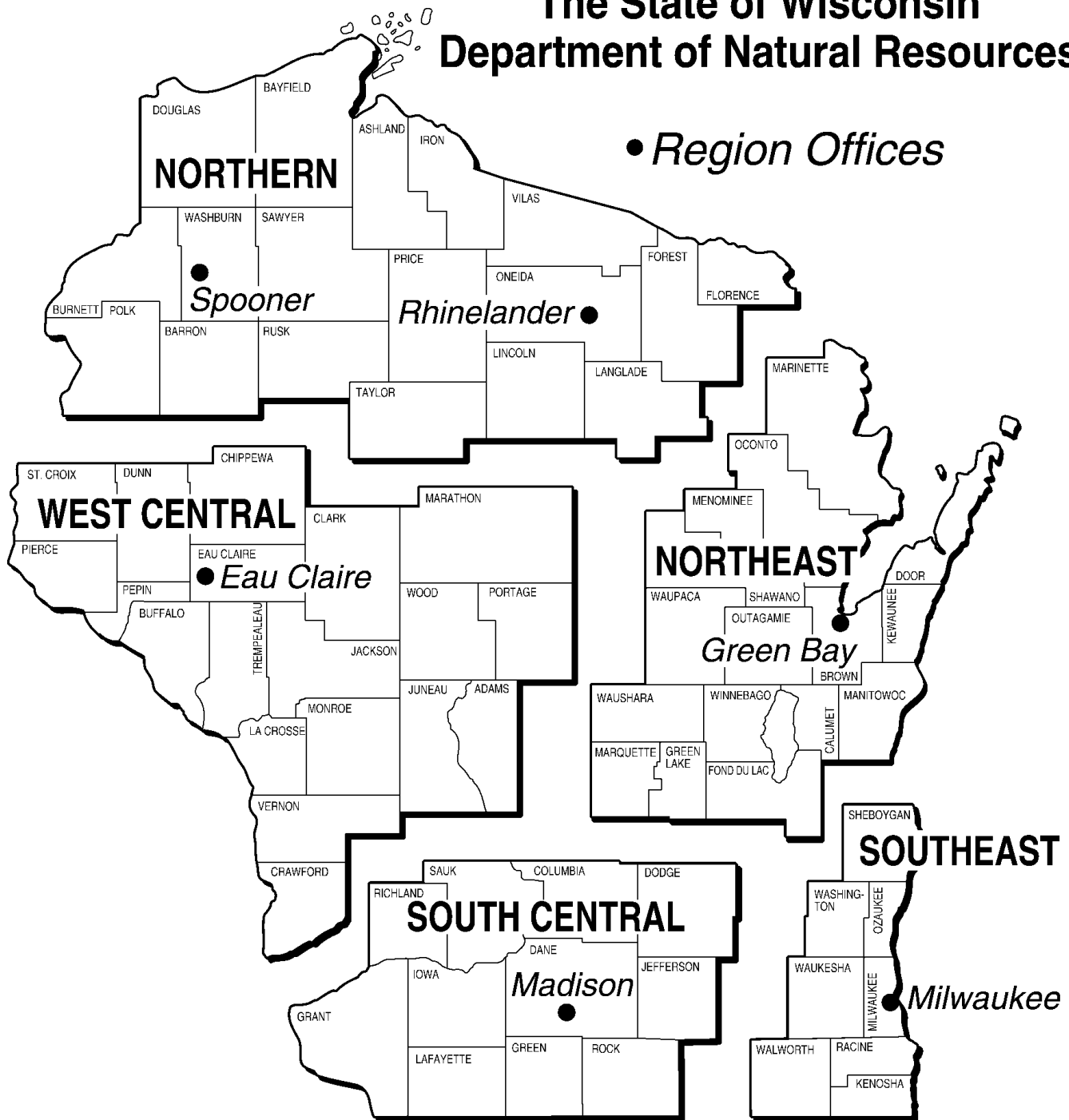
SMALL BUSINESS--means a business entity, including its affiliates, generating \$2.5 Million or less in annual gross sales and employs fewer than 25 full-time employees.

SUBCONTRACTOR--A person or firm working under the direction of the form respondent (prime contractor) that performs significant services at the site or for the project.

YES--means the firm has the capability of performing the service, knows what is necessary to implement the technology or service but may not have hands on experience.

## B. Map of DNR Regions

# The State of Wisconsin Department of Natural Resources



## Consultant Data Record

### General Company Info

Company Name:

Division:

Address

Street:

Add'l:

PO Box:

City:  State:  Zip:

Contact Name:

Phone Toll Free:  Office:

Fax:  Emerg:

Year Established:  Total Personnel:

Serves Wi Flag: ☐ Yes ☐ No

Primary Functions of the Office/Facility:

DNR Regions Served: ☐ All ☐ Part ☐ N/A - Northeast  
☐ All ☐ Part ☐ N/A - Northern  
☐ All ☐ Part ☐ N/A - West Central  
☐ All ☐ Part ☐ N/A - Southeast  
☐ All ☐ Part ☐ N/A - South Central

### Branch Offices

Branch #:

Branch Name:

Contact Name:

Address

Street:

Add'l:

PO Box:

City:  State:  Zip:

Phone Toll Free:  Office:  Ext:

Fax:  Emerg:

Functions Unique to this Branch Office:

Year Established:  Total Personnel:

DNR Regions Served: ☐ All ☐ Part ☐ N/A - Northeast  
☐ All ☐ Part ☐ N/A - Northern  
☐ All ☐ Part ☐ N/A - West Central  
☐ All ☐ Part ☐ N/A - Southeast  
☐ All ☐ Part ☐ N/A - South Central

## Consultant Data Record

### Branch Offices

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Branch #:

Branch Name:

Contact Name:

Address

Street:

Add'l:

PO Box:

City:  State:  Zip:

Phone Toll Free:  Office:  Ext:

Fax:  Emerg:

Functions Unique to this Branch Office:

Year Established:  Total Personnel:

DNR Regions Served: ☐ All ☐ Part ☐ N/A - Northeast  
☐ All ☐ Part ☐ N/A - Northern  
☐ All ☐ Part ☐ N/A - West Central  
☐ All ☐ Part ☐ N/A - Southeast  
☐ All ☐ Part ☐ N/A - South Central

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Branch #:

Branch Name:

Contact Name:

Address

Street:

Add'l:

PO Box:

City:  State:  Zip:

Phone Toll Free:  Office:  Ext:

Fax:  Emerg:

Functions Unique to this Branch Office:

Year Established:  Total Personnel:

DNR Regions Served: ☐ All ☐ Part ☐ N/A - Northeast  
☐ All ☐ Part ☐ N/A - Northern  
☐ All ☐ Part ☐ N/A - West Central  
☐ All ☐ Part ☐ N/A - Southeast  
☐ All ☐ Part ☐ N/A - South Central



## Consultant Data Record

### Branch Offices

Branch #:	<input type="text"/>		
Branch Name:	<input type="text"/>		
Contact Name:	<input type="text"/>		
Address			
Street:	<input type="text"/>		
Add'l:	<input type="text"/>		
PO Box:	<input type="text"/>		
City:	<input type="text"/>	State: <input type="text"/>	Zip: <input type="text"/>
Phone Toll Free:	<input type="text"/>	Office:	<input type="text"/> Ext: <input type="text"/>
Fax:	<input type="text"/>	Emerg:	<input type="text"/>

Functions Unique to this Branch Office:

Year Established:  Total Personnel:

DNR Regions Served: ☐ All ☐ Part ☐ N/A - Northeast  
☐ All ☐ Part ☐ N/A - Northern  
☐ All ☐ Part ☐ N/A - West Central  
☐ All ☐ Part ☐ N/A - Southeast  
☐ All ☐ Part ☐ N/A - South Central

## INVESTIGATION AND REMEDIATION SURVEY DATA

### Capabilities

#### 1. Soils

INV	Sub	REM	Sub	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	petroleum
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	chlorinated Solvents
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	metals
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	agricultural chemicals
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	inorganics
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PCBs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	dioxins
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	wood preservatives
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	coal gas derivatives/PAHs

#### 2. Groundwater

INV	Sub	REM	Sub	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	petroleum
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	chlorinated Solvents
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	metals
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	agricultural chemicals
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	inorganics
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PCBs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	dioxins
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	wood preservatives

## Consultant Data Record

### Capabilities

#### 2. Groundwater

INV Sub REM Sub  
☐ ☐ ☐ ☐ coal gas derivatives/PAHs

#### 3. Additional Services

Yes Sub  
☐ ☐ property transfer assessments  
☐ ☐ consultant registered with DILHR  
☐ ☐ site assessor certified by DILHR

### Company's DILHR Registration/Certification Numbers

DILHR Reg/Cert No - Pecfa Consultant:

DILHR Reg/Cert No - Site Assessor:

### Survey Completed

Date:   
Name:   
Title:   
Phone:   
Phone Ext:

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## SPILL RESPONSE AND WASTE MANAGEMENT SURVEY DATA

### Emergency Response

Emergency Response Area: ☐ All ☐ Part ☐ N/A Northeast  
☐ All ☐ Part ☐ N/A Northern  
☐ All ☐ Part ☐ N/A West Central  
☐ All ☐ Part ☐ N/A Southeast  
☐ All ☐ Part ☐ N/A South Central

Year Began Emerg Resp:

Num Emerg Resps Last Year:

### Capabilities

#### 1. Emergency Response

Yes Sub  
☐ ☐ emergency response  
☐ ☐ 24 hour emergency response  
☐ ☐ ambient air monitoring  
☐ ☐ ventilate structures of explosive vapors  
☐ ☐ free product recovery (from land surface)  
☐ ☐ free product recovery (from water)  
☐ ☐ free product recovery (from subsurface)  
☐ ☐ excavate contaminated soil  
☐ ☐ temporary covering of spill sites  
☐ ☐ isolate (stockpile) contaminated soil

## Consultant Data Record

### Capabilities

#### 1. Emergency Response

Yes Sub

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

contain spills into surface water  
contain spills on land  
24 hour lab access  
on site chemical screening

#### 2. Waste Management

Yes Sub

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
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<input type="checkbox"/>	<input type="checkbox"/>
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<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

fuel blending  
management of contaminated/off-spec product  
petroleum tank sludge sampling and analysis  
petroleum tank sludge processing and disposal  
tank wastewater management  
clean tank interiors/wipe test  
dispose of tank  
sample and analyze unknowns  
characterize hazardous waste  
manifest and placard hazardous waste  
store hazardous waste  
transport hazardous waste  
recycle hazardous waste  
dispose of hazardous waste  
transport solid waste  
dispose of solid waste

### Survey Completed

Date:

Name:

Title:

Phone:

Phone Ext:

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## STATE LEAD SURVEY DATA

### Pollution Liability Insurance

Carries Pollution Liability Insurance: ☐ Yes ☐ No

Obtain Pollution Liability Insurance Per Project: ☐ Yes ☐ No

Pollution Insurance Claim Mode: ☐ Occurrence ☐ Claims-made

# Consultant Data Record

## Administrative Information

Services: Professional Serv Flag: ☐ Yes ☐ No

Contractual Serv Flag: ☐ Yes ☐ No

Address for RFP: Company Name:

Division:

Attention:

Address:

City, State, Zip:

Phone:

Fax:

Applicable Categories: ☐ Small Business  
☐ Minority-Owned Business  
☐ Woman-Owned Business

Number Contracts Completed Last Year:

## Personnel

- Administrative
- Service Representative(s)
- Registered Engineer(s) in Wisconsin
- Engineering Specialty: Chemical
- Engineering Specialty: Environmental
- Engineering Specialty: Civil
- Engineering Specialty: Geotechnical
- Engineering Specialty: Mechanical
- Engineering Specialty: Electrical
- Engineering Specialty: Structural
- Engineering Specialty: Wastewater
- Engineering Specialty: Sanitary
- Hydrogeologist(s) (as per NR 550)
- Hydrogeologist(s) (as per other qualifications)
- Soil Scientist(s)
- Geologist(s)
- Geophysicist(s)
- Geochemist(s)
- Chemist(s)
- Toxicologist(s)
- Environmental Specialist(s)
- Atmospheric Scientist(s)
- GIS/Remote Sensing Specialist(s)
- Hydrologist(s) (as per NR 712 definition)
- Limnologist(s)
- Project Manager(s)

# Consultant Data Record

## Personnel

Safety and Health Specialists(s)  
 Explosives Specialists(s)  
 Certified Hazardous Materials Manager(s)  
 Field Supervisor(s)  
 Field Technician(s)  
 Lab Technician(s)  
 Registered Surveyor(s)  
 Biologist(s)  
 Waste Minimization Specialist(s)  
 Drilling Rig Operator(s)  
 Draftspeople  
 Data Management/Computer Programmer(s)  
 Radiological Health Specialist(s)  
 Scientist(s) per NR 712.03(3)

Total Personnel  
 Personnel For Level A Response  
 Personnel For Level B Response  
 Personnel For Level C Response  
 Personnel For Level D Response

## Qualifications and Special Capabilities

Firm Has Health and Safety Plan: ☐ Yes ☐ No  
 Plan is Compliant with 29 CFR 1910.120: ☐ Yes ☐ No  
 Firm Operates Analytical Lab: ☐ Yes ☐ No  
 Lab does Physical Testing: ☐ Yes ☐ No  
 Lab does Chemical Testing: ☐ Yes ☐ No  
 Lab Provides 24hr Turnaround: ☐ Yes ☐ No  
 Lab is Wisconsin Certified under NR 149: ☐ Yes ☐ No  
 Firm Operates a Mobile Lab: ☐ Yes ☐ No

## Attachments Returned with Survey

☐ Copy of Health and Safety Policy  
☐ General Equipment List

## Capabilities

Services Available

YES	EXP	
<input type="checkbox"/>	<input type="checkbox"/>	Community relations/appearance at public meetings
<input type="checkbox"/>	<input type="checkbox"/>	Private well sampling
<input type="checkbox"/>	<input type="checkbox"/>	Superfund RI/FS
<input type="checkbox"/>	<input type="checkbox"/>	Treatability studies
<input type="checkbox"/>	<input type="checkbox"/>	Contaminant pathway analysis
<input type="checkbox"/>	<input type="checkbox"/>	Lake and stream sediment analysis
<input type="checkbox"/>	<input type="checkbox"/>	Hazardous waste management capabilities

# Consultant Data Record

## Capabilities

### Services Available

YES	EXP	
<input type="checkbox"/>	<input type="checkbox"/>	Historical review
<input type="checkbox"/>	<input type="checkbox"/>	Define the site soil, geology, hydrology
<input type="checkbox"/>	<input type="checkbox"/>	Document horizontal & vertical contamination
<input type="checkbox"/>	<input type="checkbox"/>	Verify source
<input type="checkbox"/>	<input type="checkbox"/>	Document horizontal & vertical groundwater flow

### Contamination Investigation, General Capabilities

YES	EXP	
<input type="checkbox"/>	<input type="checkbox"/>	Topographic surveys
<input type="checkbox"/>	<input type="checkbox"/>	Site plan preparation/mapping
<input type="checkbox"/>	<input type="checkbox"/>	Air quality sampling/analysis
<input type="checkbox"/>	<input type="checkbox"/>	Lagoon/Pit sampling/analysis
<input type="checkbox"/>	<input type="checkbox"/>	Surface water sampling/analysis
<input type="checkbox"/>	<input type="checkbox"/>	Sampling of barrels and tanks
<input type="checkbox"/>	<input type="checkbox"/>	Identify nearby water supply wells
<input type="checkbox"/>	<input type="checkbox"/>	Identify utilities
<input type="checkbox"/>	<input type="checkbox"/>	Knowledge of NR 141
<input type="checkbox"/>	<input type="checkbox"/>	Mapping sewers
<input type="checkbox"/>	<input type="checkbox"/>	Obtain off-site access agreements
<input type="checkbox"/>	<input type="checkbox"/>	Directional drilling
<input type="checkbox"/>	<input type="checkbox"/>	Drilling inside buildings
<input type="checkbox"/>	<input type="checkbox"/>	Locate buried tanks
<input type="checkbox"/>	<input type="checkbox"/>	Manage investigative wastes
<input type="checkbox"/>	<input type="checkbox"/>	Televising sewers
<input type="checkbox"/>	<input type="checkbox"/>	Prepare plan-sheets
<input type="checkbox"/>	<input type="checkbox"/>	Wetland impact assessments
<input type="checkbox"/>	<input type="checkbox"/>	Air sampling

### Field Mobil Lab Services

YES	EXP	
<input type="checkbox"/>	<input type="checkbox"/>	Field GC
<input type="checkbox"/>	<input type="checkbox"/>	PID/FID
<input type="checkbox"/>	<input type="checkbox"/>	Immuno assay
<input type="checkbox"/>	<input type="checkbox"/>	Hydro punch
<input type="checkbox"/>	<input type="checkbox"/>	Cone penetrometer
<input type="checkbox"/>	<input type="checkbox"/>	Geo probe
<input type="checkbox"/>	<input type="checkbox"/>	Metals field screening (RMT, June 1991)

### Geophysical Methods

YES	EXP	
<input type="checkbox"/>	<input type="checkbox"/>	Ground penetrating radar
<input type="checkbox"/>	<input type="checkbox"/>	Electromagnetic induction
<input type="checkbox"/>	<input type="checkbox"/>	Seismic surveys
<input type="checkbox"/>	<input type="checkbox"/>	Metal detection
<input type="checkbox"/>	<input type="checkbox"/>	Magnetometer
<input type="checkbox"/>	<input type="checkbox"/>	Elec. resistivity (surface)
<input type="checkbox"/>	<input type="checkbox"/>	Elec. resistivity (borehole)
<input type="checkbox"/>	<input type="checkbox"/>	Gamma-gamma logs

# Consultant Data Record

## Capabilities

### Geophysical Methods

YES	EXP
<input type="checkbox"/>	<input type="checkbox"/>

Neutron logs

### Soil Investigation

YES	EXP
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Soil sampling/analysis

Soil borings

Lab soil testing/classification

Soil gas survey

Hand driven split spoon

Split spoon sampling

Prepare well logs

Prepare cross-sections

Shelby tube sampling

### Groudwater Investigation

YES	EXP
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Monitoring well installation

Groundwater sampling/analysis

Pumping tests

Slug tests

Permeameter tests

Grainsize analysis

Porosity determinations

Flow net analysis

Flow modeling

Contaminant transport modeling

Bedrock geology

Bedrock drilling

Install piezometers

Prepare hydrogeologic cross-sections

Fractured flow analysis

Prepare water table contour maps

### Remedial Options Analysis

YES	EXP
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Perform treatability studies

Obtain WPDES permits

Obtain water regulation and zoning permits

Obtain air permits

Obtain building permits

### Remedial Action, General Capabilities

YES	EXP
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Remedial options analysis

Remedial action design

Remedial action oversight

Remedial action construction

Long term monitoring

Provide bottled water

# Consultant Data Record

## Capabilities

### Remedial Action, General Capabilities

YES	EXP	
<input type="checkbox"/>	<input type="checkbox"/>	Aquifer/water supply analysis
<input type="checkbox"/>	<input type="checkbox"/>	Operation & maintenance
<input type="checkbox"/>	<input type="checkbox"/>	Remedial action completed

### Soil Remedial Actions

D-YES	D-EXP	C-YES	C-EXP	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	In-situ soil venting
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	In-situ soil washing
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stream injection
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	In-situ soil bioremediation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ex-situ soil aeration/volatization
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ex-situ soil thermal desorption
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ex-situ soil incineration
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Free hydrocarbon removal
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Free product removal
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Solidification
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chemical fixation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Soil composting

### Groudwater Remedial Actions

D-YES	D-EXP	C-YES	C-EXP	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	In-situ groundwater bioremediation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Air sparging
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Interceptor trench
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Groundwater extraction (plume capture)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Vacuum enhanced recovery
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Horizontal collection systems
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oil-water separation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ex-situ groundwater bioremediation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Carbon absorption
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Air stripping
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chemical oxidation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Reverse osmosis
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Discharge to surface water
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Discharge to sanitary sewer
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Discharge to groundwater

### Other Remedial Actions

D-YES	D-EXP	C-YES	C-EXP	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Water supply remediation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Free hydrocarbon removal
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Solidification
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chemical fixation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Telemetry monitoring
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Gas extraction
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Leachate extraction
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Slurry walls
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Landfill caps
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mine reclamation



# Consultant Data Record

## Capabilities

### Other Remedial Actions

D-YES	D-EXP	C-YES	C-EXP	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ecology restoration
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wetland restoration

### Contaminants

D-YES	D-EXP	C-YES	C-EXP	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Heavy metals
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Microorganisms/pathogens
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dense non-aqueous phases
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hydrocarbons/petroleum
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chlorinated VOCs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Inorganics (nitrates, sulfate)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fertilizers
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pesticides
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asbestos
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PCBs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Radioactive compounds
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dioxins
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Coal tar derivatives
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Papermill sludge
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Municipal sludge
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dioxin
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pentachlorophenol
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Resins (glues)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Formaldehydes
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dyes, inks, paint wastes
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Creosote
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Naturally occurring contamination

## Survey Completed

Date:

Name:

Title:

Phone:

Phone Ext: